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	Application No.	Applicant(s)
Notice of Allowability	09/696,836	VANHOOF ET AL.
	Examiner	Art Unit
	J. Bret Dennison	2143
The MAILING DATE of this communication appear All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this ap or other appropriate communication IGHTS. This application is subject t	oplication. If not included n will be mailed in due course. THIS
1. This communication is responsive to <u>8/18/2005</u> .		
2. The allowed claim(s) is/are <u>93-97</u> .		
3. The drawings filed on <u>25 October 2000</u> are accepted by the Examiner.		
<ul> <li>4. ☐ Acknowledgment is made of a claim for foreign priority una) ☐ All b) ☐ Some* c) ☐ None of the: <ol> <li>Certified copies of the priority documents have</li> <li>Certified copies of the priority documents have</li> <li>Copies of the certified copies of the priority do International Bureau (PCT Rule 17.2(a)).</li> </ol> </li> <li>* Certified copies not received:</li> </ul>	e been received. e been received in Application No	
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	of this communication to file a reply IENT of this application.	complying with the requirements
5. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give		
<ol> <li>CORRECTED DRAWINGS ( as "replacement sheets") must</li> <li>(a)  including changes required by the Notice of Draftspers</li> <li>1)  hereto or 2)  to Paper No./Mail Date</li> <li>(b)  including changes required by the attached Examiner's Paper No./Mail Date</li> <li>Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in the sheet in</li></ol>	son's Patent Drawing Review (PTO . s Amendment / Comment or in the C .84(c)) should be written on the drawi	Office action of
7. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT	sit of BIOLOGICAL MATERIAL FOR THE DEPOSIT OF BIOLOGIC	must be submitted. Note the :AL MATERIAL.
Attachment(s)		
1. ☑ Notice of References Cited (PTO-892)	5. Notice of Informal F	Patent Application (PTO-152)
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. ⊠ Interview Summary Paper No./Mail Da	
3. Information Disclosure Statements (PTO-1449 or PTO/SB/C Paper No./Mail Date 00 01	7. ⊠ Examiner's Amend	
4. Examiner's Comment Regarding Requirement for Deposit	8. 🛛 Examiner's Statem	ent of Reasons for Allowance
of Biological Material	9.	DAVID WILEY PERVISORY PATENT EXAMINER
	SUI	DAVID WILEY PERVISORY PATENT EXAMINER

U.S. Patent and Trademark Office PTOL-37 (Rev. 1-04)

## **EXAMINER'S AMENDMENT**

1. An Examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Bruce Itchkawitz (Reg. # 47,677) on 8/26/2005.

2. The application has been amended as follows:

## IN THE CLAIMS

Claim 93, Line 5, Replace "single data independent data communication protocol" with "single data independent communication protocol".

Claim 94, Line 5, Replace "single data independent data communication protocol" with "single data independent communication protocol".

Claim 95, Line 5, Replace "single data independent data communication protocol" with "single data independent communication protocol".

Claim 96, Line 5, Replace "single data independent data communication protocol" with "single data independent communication protocol".

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Claim 97, Line 11, Replace "single data independent data communication protocol" with "single data independent communication protocol".

## Reasons For Allowance

The following is an examiner's statement of reasons for allowance: The claimed invention is allowable in view of the prosecution history of patent number 6,212,566, the patent being the parent of the instant application. The claimed invention provides novel use for defining and implementing a digital system by partitioning the system into processes and defining a single data independent data protocol for each process for communication, the communication channels being implemented as interrupt driven I/O, the processes being implemented in C, Silage, or VHDL. Supporting portions of the specification can be found at Page 14, Lines10-20, Page 66, Lines 5-20, enacting this functionality by specifying device system functions and verifying them, partitioning the functions into interconnect activity information, defining a single data independent data communication protocol for communication, and configuring interfaces in the form of communication input ports and communication output ports which was not taught or suggested by the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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## Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to J. Bret Dennison whose telephone number is (571) 272-3910. The examiner can normally be reached on M-F 8:30am-5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A Wiley can be reached on (571) 272-3923. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

J. B. D. Patent Examiner Art Unit 2143

SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100